For supplying the Midland Railway Company with about 2,400 tons of new Chains.

For the Construction of Four divisions of the Chester and Holyhead Railway, comprising the entire line through the County of Anglesey.

For rebuilding three Buttresses, and repairing a portion of the Roof of St. Michael's Church, Coventry

For supplying the Leeds and Bradford Railway Company with 1,200 tons of Cast-iron Chairs.

For the execution of the several works required in the Tynemouth Extension Railway, comprising about 740 yards of Tunnelling, with Earthwork, &c. The length of the extension is one mile.

For painting and repairing the Church of St. Anne, Westminster, both externally and internally.

COMPETITIONS.

Plans are required for Laying out and covering with Villa residences about 20 Acres of land having a frontage of about half-a-mile to the Queen's-road, Richmond, Surrey, extending from Spring-grove towards Richmond-hill. Premiums will be given of 25 guineas for the most approved plan, and 15 guineas for the second.

A premium of 10*l.* is offered for the best plan and design of a Monument to be erected in the Highgate Cemetery. One side of the monument to represent, in intaglio, the various instruments employed in the different branches of science, and the reverse, a female figure breaking a flower from a branch, in basso relievo.

APPROACHING SALES OF WOOD, &c.

BY AUCTION.

At St. Osyth Priory, Essex, 700 Oak Timber Trees; 200 Elm ditto; and a large quantity of Poplar and Birch Seconds.

At the Port of Cowes, a cargo of American Red and Yellow Pine Timber, Elm, Birch, Lathwood, Deals, and Deal Ends, *ex. Grenville Bay*, Robson, from Quebec.

BY TENDER.

In the Plantations of the Duke of Montrose, situate in the Parishes of Drymen and Buchanan, Stirlingshire: many Thousands of Larch Trees of some size, adapted for Railway Sleepers, Roofing and Joisting, and other purposes.

TO CORRESPONDENTS.

"The Earl of Haddington."—*The letter containing the request accidentally escaped our attention last week. The inscription sent may be rendered into Latin thus:—*

IN MEMORIAM
CAROLI
COMITUM DE HADDINGTONIA OCTAVI;
or,
IN MEMORIAM
CAROLI
OCTAVI INTER COMITES DE HADDINGTONIA.

"Enquirer."—*Although few, if any, font covers of an earlier period than the perpendicular remain, we should be disposed under the circumstances to design it in accordance with the style of the church, early English. We shall be glad to see the sketches.*

"Steel and Brass." —*A correspondent will be glad to be told of a preparation to weld cast steel, or of a cement to join it: also the best way to braze brass.*

"Wood Pavements."—*A country subscriber suggests that the grooves in wooden pavements should be renewed with a V shaped adze as they become obliterated.*

"John Strudwick," "M. P.," and "Artist."—*We regret that we have not space for many of the communications on the School of Design which we have received.*

"G. R. Lewis" *shall appear.*

"A Constant Subscriber."— *The Fitzwilliam Museum at Cambridge.*

"James Dean" (Tottenham.)—*We cannot coincide in the advice given by Mr. D. to his clients in either case. The shed in the paddock cannot be an inhabited building, according to the meaning of the Act, if it adjoin a public footpath: and even if it were an inhabited building, it would be subject to supervision, except as to certain points. As regards the second case, the official referees have decided that "eneries and such like buildings" are subject to supervision; and that the exemption to which he refers extends only to settlement of rate.* (See p. 279 ante).

"T."—*Notice must be given to the district surveyor: the structure must be of fire-proof materials. As to the shed: it must not be of wood, unless it is "inhabited" according to the meaning of the Act.*

"Curves."—*A correspondent asks for some account of Mr. Bashforth's engine for tracing a variety of curves, exhibited at the last meeting of the British Association.*

"A Student" *may obtain any additional information he requires from Mr. Whishaw, the secretary.*

"A Constant Contributor." (Fulham).—*Unless the erections mentioned are "insulated" they are liable to supervision. Notice must be given before any chimney stack or flue shall be begun to be built, pulled down, rebuilt, cut into, or altered.*

"W. H."—*His request for a view of Nasmyth's steam pile-driver shall be remembered.*

"J. L."—*We have not yet been able to read the article on the National Gallery.*

"Railway Company's Books." — *A correspondent asks for some published work shewing the method by which the accounts of the various departments are kept to produce a quarterly balance. We don't know of such.*

"G. H.," "R. C.," "J. S. Jr."—*Next week.*

Received: "Constant Reader" (N. B.); "B. B.;" "W. G.;" "A. B.;" "Mr. Angall," and "Journal of the British Archæological Association. No. 2."

ADVERTISEMENTS.

THE HYDALEUM TEMPERANCE BUILDING ASSOCIATION. — Shares, 12*l.*; Monthly Subscriptions, 10*s.*; present Entrance Fee, 2*s.* 6*d.*; held at the Temperance Hall, 9, Church-road, St. George's East. In this society the sums to be advanced on each share are fixed and certain; those shareholders who require an advance will receive it in rotation. 60*l.* will be advanced on each share in the first year, and this sum will be increased every succeeding year. No redemption fee. No bidding for shares. No deducting on discount from the advances. No fine on transfers. No fine on withdrawal. But every thing on a liberal, plain and intelligible, safe and certain plan. This is the society for the industrious classes to join; the prospectus will well repay perusal, and may be had gratis of the Manager, WM. WITCOMB, 11, New Rutland-street, Mile-End; Secretary, HENRY LEECH, 9, Church-road, St. George's East. Applications by letter to be post-paid, with stamp for reply. Persons having house property to dispose of may always hear of a purchaser by forwarding full particulars, with the lowest price, to Mr. WITCOMB, as above.

Opinions of the Press.

"We hold Macarthur's plan for forming building societies to be a decided improvement."—*Weekly Dispatch.*

"We cordially recommend Mr. Macarthur's pamphlet. He has *really* simplified and improved the plan on which building societies are conducted."—*Temperance Intelligencer.*

PRIZES IMPORTANT TO INVENTORS AND PATENTEES.

A GOLD MEDAL, value 100*l.* and a SILVER MEDAL, value 50*l.*, will be given by Mr. M. JOSCELIN COOKE. The Gold medal for the best Patent, and the Silver medal for the best Design taken out or Registered at the OFFICE for PATENTS and DESIGNS, 20, Half-Moon-street, between the 1st of November, 1845, and the 1st of June, 1846. The Prizes will be awarded by competent judges on the 10th June, 1846. The conditions to be observed, together with instructions, charges, and every information for obtaining Patents in England or Foreign Countries, or Registering Designs, will be forwarded gratis, on application to Mr. M. JOSCELIN COOKE, at the Office for Patents and Registration of Designs, 20, Half-Moon-street, Piccadilly, London.

PAINTING BRUSHES OF SUPERIOR QUALITY.
TO PAINTERS, BUILDERS, &c.
J. J. KENT AND CO.,
MANUFACTURERS,
11, GREAT MARLBOROUGH-STREET, LONDON,
Offer to Painters, Builders, &c., Painting Brushes of a quality far superior to those generally offered for sale, to which they beg to call the attention of all who prefer quality and durability to apparent cheapness.

ooooo.—7 in. Dusters.
ooooo.—7 in. ditto, extra.
oooo.—Ground Brushes.
Plasterers' Brushes.
Distemper ditto. Ground and Unground.
Sash Tools, and Common Tools.
Tar Brushes and Masons' Brushes, and all other Brushes used by Painters and Artists.

Lists of Prices of Painting Brushes, and of all other kinds of Brushes, forwarded on application. Established 1777.

VARNISH.—It has long been a desideratum amongst the consumers of Varnish to obtain a good and genuine article; brilliancy, facility of drying, hardness, and durability are the qualifications necessary, but these are seldom if ever found united. The experience of a life-time devoted exclusively to the manufacture of this article, the great and important discoveries of modern chemistry, and the daily improvements in machinery, have enabled Messrs. George and Thomas Wallis to produce Varnishes (both oil and spirit) unrivalled in every respect, and they confidently recommend them to the trade, as deserving of notice both in price and quality.

Builders, Coachmakers, Painters, and others may depend on being supplied with a genuine and unadulterated article. Fine Oil Varnish, from 18*s.* per gallon; best White Spirit Varnish, 21*s.* ditto; Best Spirit French Polish, 20*s.* ditto; White Lead, Oil, Turps, and Colours of every description at the very lowest prices.—WALLIS'S Varnish, Japan, and Colour Manufactory, 64, Long-acre, one door from Bow-street. Established 1750.

WALLIS'S PATENT LIQUID WOOD KNOTTING. — This newly-discovered Liquid Composition which Messrs. Geo. and Thos. Wallis have the satisfaction of introducing to the trade, possesses the important qualification of effectually stopping Knots in Wood, however bad, and preventing them eating through and disfiguring the paint above.

Many substances have been used and much time spent in endeavouring to find a cure for a bad Knot, but hitherto without success. Messrs. Wallis therefore feel much pleasure in offering to the public an article so long and anxiously called for.

In the application, skill is not required; a boy can use it as well and effectually as the best workmen: it is put on to the work with a brush like common paint, can be used in all climates and situations, and does not require heat.

Sold wholesale and retail, by Messrs. G. and T. Wallis, Varnish, Japan, and Colour Manufacturers, No. 64, Long Acre. Price 20*s.* per gallon.

E. G.'s TRACING-PAPER.—It is warranted to take Ink, Oil, or Water colour, and is sold by MESSRS. ROBERSON AND CO., SOLE AGENTS, 51, LONG-ACRE, at the following cash prices:—

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60 by 40, at 14*l.* 0*s.* per Ream, or 10*s.* 6*d.* per Quire.
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This beautiful and unequalled article is allowed to be the cheapest and most useful Paper hitherto introduced to the public, as will be best proved by a trial.

TO RAILWAY SURVEYORS AND ENGINEERS.

TRACING PAPER. — SAMPLES forwarded by Post, free. — WATERLOW and SONS, having devoted much attention to the manufacturing of the above article, have succeeded in producing a Paper superior to any yet introduced, combining the great requisites of clearness and a surface, warranted to work well with pencil, ink, and colour.

CASH PRICES.

Double Crown.....	30 by 20, 3*s.* per qr...	£3 10*s.*	per rm.
Double dble. do.....	40 by 30, 6*s.* ,,	£5 0	,,
Dble. dble. dble. do.	60 by 40, 13*s.* ,,	£11 0	,,

Outsides, half-price.

MOUNTED DRAWING-PAPERS—LEVELLING BOOKS—MEASURING BOOKS, &c.

The Railway Measuring Tape, 66 feet, 10*s.* 6*d.*

WATERLOW and SONS, Wholesale Stationers, Printers, and Lithographers, 65 and 67, London-wall.

MONS. BOUTIGNY'S EXPERIMENTS on the FREEZING of WATER in RED-HOT CRUCIBLES, &c., will be repeated by Dr. Ryan in his Lectures on the CAUSES of EXPLOSIONS in STEAM-BOILERS, daily at half-past Three, and in the Evenings of Mondays, Wednesdays, and Fridays, at Nine, at the ROYAL POLYTECHNIC INSTITUTION. The ATMOSPHERIC RAILWAY, carrying from Six to Eight Visitors at once, is lectured upon by Professor Buchhoffner, and exhibited daily, and in the Evenings. The art of SWIMMING and DIVING illustrated by a Youth Eight and a half years of age, the Son of Capt. Stevens, the celebrated teacher of Swimming, on Mondays, Wednesdays, and Fridays at Two o'Clock, and on the Evenings of Tuesdays and Thursdays, at half-past Eight. All the other popular Exhibitions and interesting Works as usual.—Admission, One Shilling; Schools, half-price.

HOT WATER APPARATUS. — The attention of architects, builders, and others, is respectfully requested to BENJAMIN FOWLER'S superior method of heating churches and chapels, halls, stair-cases, conservatories, forcing and green-houses, manufactories, and warehouses, kilns, rooms for drying timber, &c., and every variety of purpose for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and the parties for whom they were executed are constantly expressing their satisfaction, also their willingness to vouch for their efficiency. An improved wrought-iron boiler, which requires no brickwork, may be seen in action upon the premises. BENJAMIN FOWLER, 63, Dorset-street, Fleet-street.

HOLBORN AND FINSBURY SEWERS, MIDDLESEX.

THE COMMISSIONERS of SEWERS for the LIMITS give NOTICE, that their Office, Hatton Garden, is open daily between the hours of Ten and Four, where information can be obtained (gratis) by persons about to Purchase or Rent Houses or Property, or take Land for Building purposes, of the situation and level of the public Sewers, capable of affording sufficient Drainage, and which they recommend all such Persons to apply for at the above Office.

By the Court,
STABLE and LUSH, Clerks.

COURT OF SEWERS FOR WESTMINSTER, AND PART OF MIDDLESEX, No. 1, Greek-street, Soho-square.

TO BUILDERS and Others interested in buildings or in ground for building upon, within the district under the jurisdiction of this Court, drained by watercourses falling into the river Thames, between the city of London and the parish of Fulham.

The Commissioners hereby give notice, that by an Act of the 47th Geo. III. (chap. 7, local) it is required that, previously to the making of any new sewer in any street, lane, or public way, or in any part intended to become a street, lane, or public way, or to carry or drain off water from any house, building, yard, or ground, into any sewer under their management, or within their jurisdiction, a notice in writing shall be given to them, or to their clerk at their office, and that such new sewer or sewers shall be constructed and made in such manner and form as shall be directed by the said Commissioners, and not otherwise.

And, in order to prevent the serious evils and inconveniences that must arise from ground proposed to be built upon being excavated at too great a depth, the Commissioners have directed that, upon application being made at this office previously to the excavation of such ground, information shall be given as to the lowest depth at which the same can be drained.

And the Commissioners do also give notice that, whenever the lower floors or pavements of buildings shall have been laid so low as not to admit of their being drained with a proper current, they will not allow any sewers, or drains into sewers, to be made for the service of such buildings.

It is recommended to all persons about to purchase or take houses, or other premises, to ascertain whether such premises have separate and distinct drains into common sewers.

All petitions must be delivered at this office at least three clear days before they are presented to the Commissioners; and all such petitions will be called on in the order of their application, and the name of any party not present when called on to support the application will be struck out, and the proceedings must in consequence be commenced de novo.

All communications made with any sewer without leave of the Commissioners will be cut off, and the parties making the same will subject themselves to a fine.

The provisions of the Metropolitan Buildings Act (7 and 8 Victoria, c. 84) do not supersede the authority of the Commissioners of Sewers in the above respects, but their powers are expressly reserved, and their regulations made subservient to the purposes of that Act. The execution of such works, under the superintendence of the district surveyor alone, cannot therefore warrant the making of any sewers or drains within this commission, nor relieve the parties making them from the penalties above mentioned.

By order of the Court,
LEWIS C. HERTSLET, Clerk.

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